

Distinguish, differentiate, compare and explain what is the difference between Earthing and Grounding Systems. Comparison and Differences.

Difference between Earthing and Grounding Systems

1. Earthing work in under fault condition. These parts may attain high potential earth. So any living being touching these parts will be subjected to the potential difference which may result in the flow of current of such a value which may prove to be fatal. Grounding is done for the protection of power system equipment and to provide an effective return path from the machine to the power source.
2. Earthing is to ensure safety or protection of electrical equipment and living being by discharging electrical energy to earth. During lightening dangerous high voltage can develop in the electrical distribution system wires. Grounding provides a safe return path around the electrical system of your house thus minimizing damage from such occurrences.

Steady Run